MD 108 IS ASSUMED TO RUN
IN AN EAST-WEST DIRECTION

EXISTING SIGNS

15,18 — R3-5L, 30"x 36"

16 — R10-12, 36"x 42" (LEFT TURN YIELD ON GREEN)

17 — R3-2, 30" x 30"

19 — R3-6, 30" x 36"

20 — R10-11b, 24" x 24" (NO TURN ON RED)

R10-4(1), 9" x 12" (PUSH BUTTON TO CROSS CLARKSVILLE PIKE; START CROSSING WATCH FOR TURNING CARS; DON'T START FINISH CROSSING IF STARTED; PEDESTRIANS SHOULD NOT BE IN CROSSWALK)

EXISTING SIGNALS

1 — 12" R, 8" Y, 12" G, 8"

2 — 12"

3,5-8 — 12"

4 — 8"

11,12 — 12"

PROPOSED SIGNALS

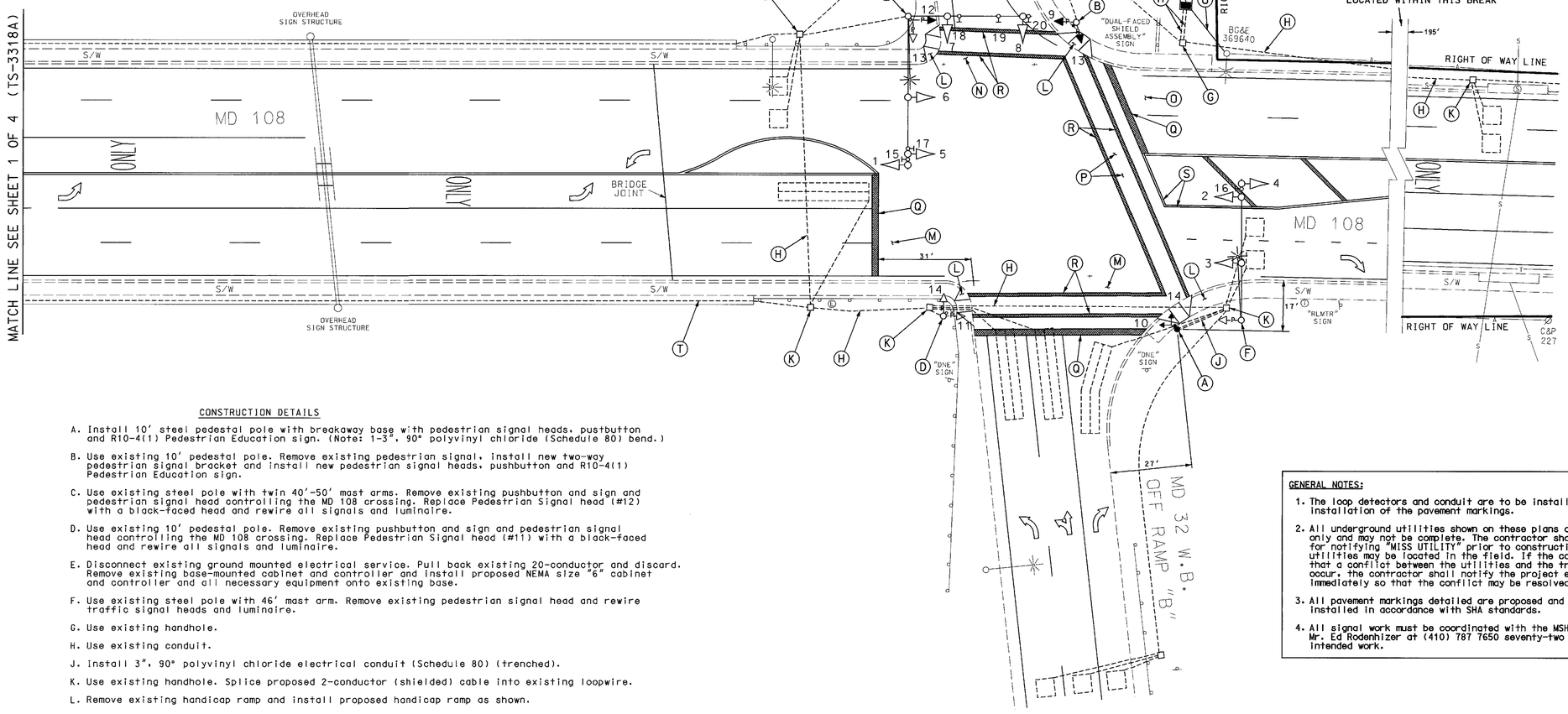
9-14 — 12"

NEMA PHASING

Ø1, Ø2, Ø4, Ø4 ALT, Ø6

FLASHING OPERATION

PHASING NOTES:
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS

A. Install 10' steel pedestal pole with breakaway base with pedestrian signal heads, pustbutton and R10-4(1) Pedestrian Education sign. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)

B. Use existing 10' pedestal pole. Remove existing pedestrian signal, install new two-way pedestrian signal bracket and install new pedestrian signal heads, pushbutton and R10-4(1) Pedestrian Education sign.

C. Use existing steel pole with twin 40'-50' mast arms. Remove existing pushbutton and sign and pedestrian signal head controlling the MD 108 crossing. Replace Pedestrian Signal head (#12) with a black-faced head and rewire all signals and luminaire.

D. Use existing 10' pedestal pole. Remove existing pushbutton and sign and pedestrian signal head controlling the MD 108 crossing. Replace Pedestrian Signal head (#11) with a black-faced head and rewire all signals and luminaire.

E. Disconnect existing ground mounted electrical service. Pull back existing 20-conductor and discard. Remove existing base-mounted cabinet and controller and install proposed NEMA size "6" cabinet and controller and all necessary equipment onto existing base.

F. Use existing steel pole with 46' mast arm. Remove existing pedestrian signal head and rewire traffic signal heads and luminaire.

G. Use existing handhole.

H. Use existing conduit.

J. Install 3", 90° polyvinyl chloride electrical conduit (Schedule 80) (trenched).

K. Use existing handhole. Splice proposed 2-conductor (shielded) cable into existing loopwire.

L. Remove existing handicap ramp and install proposed handicap ramp as shown.

M. Remove existing stopline and crosswalk, not shown on plan.

N. Remove existing crosswalk (not shown on plan).

O. Remove existing stopline (not shown on plan).

P. Remove approximately 18' of the existing painted median for the purpose of installing the proposed crosswalk.

Q. Install proposed 24" white stopline as shown.

R. Install proposed 12" white crosswalk as shown.

S. Install proposed 5" yellow centerline / crosshatch line as shown.

T. Remove existing 20-conductor cables from existing conduit in bridge parapet

U. Existing underground electrical service to be maintained by BGE.

GENERAL NOTES:

1. The loop detectors and conduit are to be installed prior to the installation of the pavement markings.
2. All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITY" prior to construction so that all utilities may be located in the field. If the contractor perceives that a conflict between the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
3. All pavement markings detailed are proposed and are to be installed in accordance with SHA standards.
4. All signal work must be coordinated with the MSHA Signal Shop. Contract Mr. Ed Rodenhizer at (410) 787 7650 seventy-two hours in advance of intended work.

GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES
AERIAL CABLE — A — A —
ELECTRIC — E — E —
TELEPHONE — T — T —
GAS — G — G —
SEWER — S — S —
WATER — W — W —
CABLE TV — TV — TV —

REVISION "A"

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REVISIONS

A 6-21-02 REMARK CROSSWALKS, INSTALL NEW CABINET AND RE-WIRE
SHA NO.: XX1085185
RRZ

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION — ORIGINAL ON FILE
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 108 AND MD 32 W.B. OFF RAMP / MD 32 N.B. ON RAMP

DRAWN BY: AL MAWRY	F.A.P. NO.		TS NO.	SHEET NO.
CHECKED BY: EMM	S.H.A. NO.	HO683A51	3317A	2 OF 4
SCALE: 1"= 20'	COUNTY:	HOWARD	T.I.M.S. NO.	
DATE: MARCH 1993	LOG MILE:	13010803.78	F068	

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